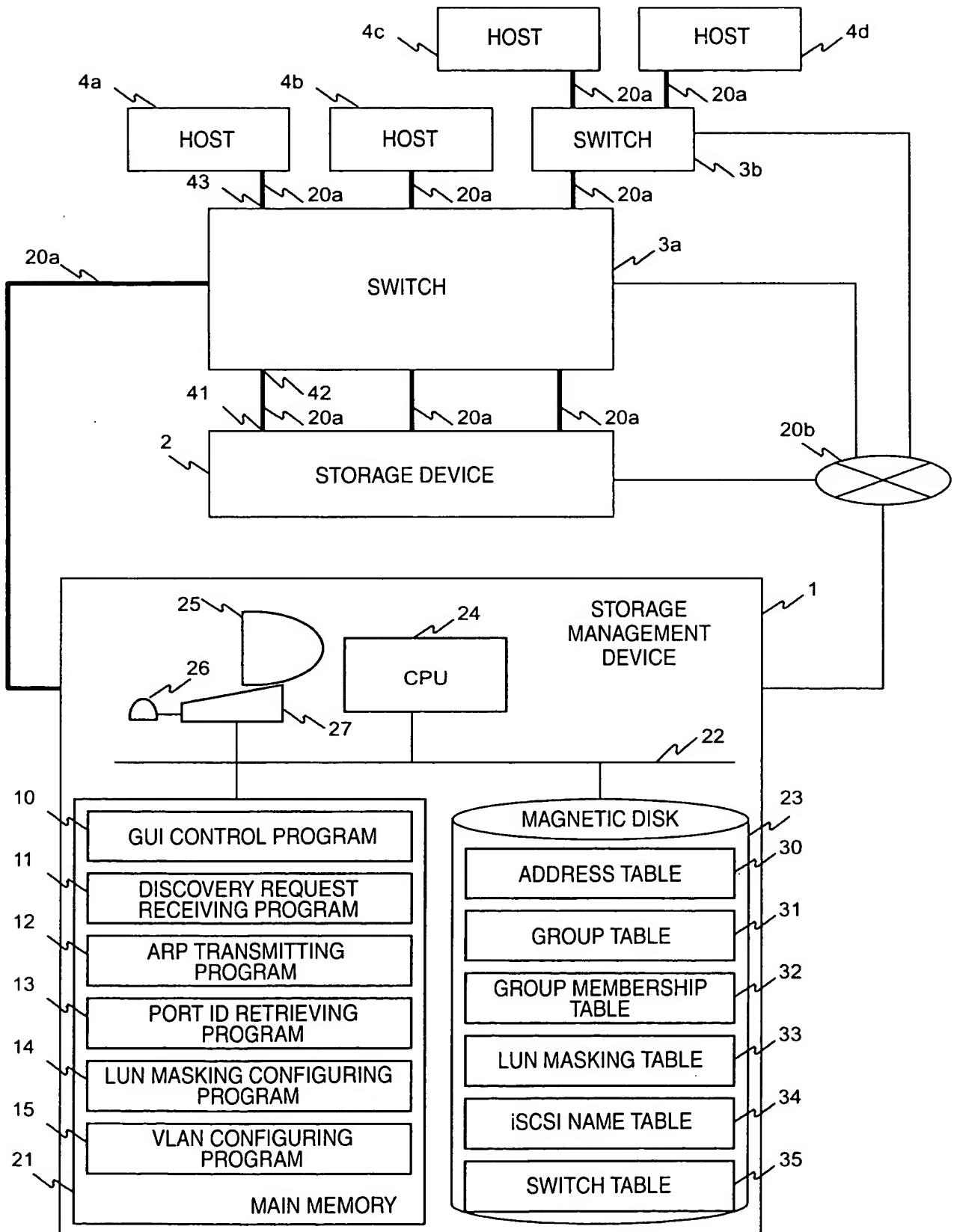


FIG. 1



## FIG. 2A

ADDRESS TABLE 30

IP ADDRESS	MAC ADDRESS	SWITCH ID	PORT ID
192.168.1.1	11-22-33-44-55-01	3a	1
192.168.2.1	11-22-33-44-55-02	3a	2
192.168.1.2	11-22-33-44-55-03	3b	1
192.168.2.2	11-22-33-44-55-04	3b	2
...	...	...	...

## FIG. 2B

GROUP TABLE 31

GROUP ID	SUBNET ADDRESS
1	192.168.1.0/24
2	192.168.2.0/24
...	...

## FIG. 2C

GROUP MEMBERSHIP TABLE 32

GROUP ID	ADDRESS	TYPE	CONNECTION FLAG
1	iqn.2000-02.com.hitachi:users:test1	TARGET	1
1	192.168.1.1	INITIATOR	1
1	192.168.1.2	INITIATOR	0
2	192.168.2.1	INITIATOR	0
...	...	...	...

## FIG. 3A

LUN MASKING TABLE 33

iSCSI NAME	LUN	IP ADDRESS
iqn.2000-02.com.hitachi:users:test1	1	192.168.1.1
iqn.2000-02.com.hitachi:users:test1	1	192.168.1.2
. . .	. . .	. . .

## FIG. 3B

iSCSI NAME TABLE 34

iSCSI NAME	IP ADDRESS	PORT NUMBER
iqn.2000-02.com.hitachi:users:test1	192.168.1.254	3260
iqn.2000-02.com.hitachi:users:test2	192.168.2.254	3260
. . .	. . .	. . .

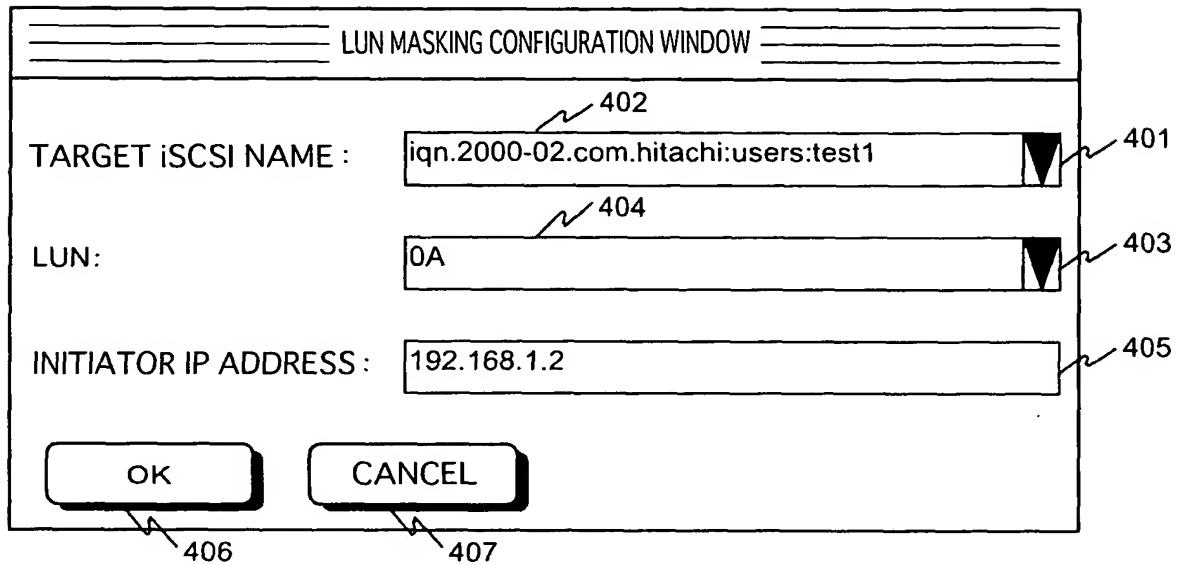
## FIG. 3C

SWITCH TABLE 35

SWITCH ID	MANAGEMENT IP ADDRESS
3a	192.168.0.1
3b	192.168.0.2
. . .	. . .

# FIG. 4A

LUN MASKING CONFIGURATION WINDOW 400



The diagram shows a window titled "LUN MASKING CONFIGURATION WINDOW" with a title bar. Inside, there are three input fields and two buttons. The first field is labeled "TARGET iSCSI NAME :" and contains the text "iqn.2000-02.com.hitachi:users:test1". The second field is labeled "LUN:" and contains the text "0A". The third field is labeled "INITIATOR IP ADDRESS:" and contains the text "192.168.1.2". At the bottom are two buttons labeled "OK" and "CANCEL".

402

401

404

403

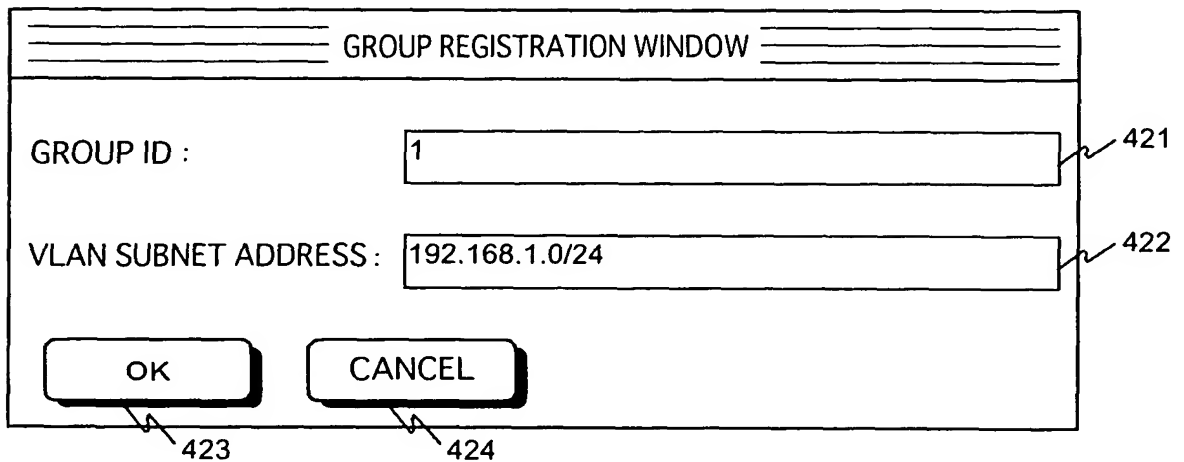
405

406

407

# FIG. 4B

GROUP REGISTRATION WINDOW 420



The diagram shows a window titled "GROUP REGISTRATION WINDOW" with a title bar. Inside, there are two input fields and two buttons. The first field is labeled "GROUP ID :" and contains the text "1". The second field is labeled "VLAN SUBNET ADDRESS:" and contains the text "192.168.1.0/24". At the bottom are two buttons labeled "OK" and "CANCEL".

421

422

423

424

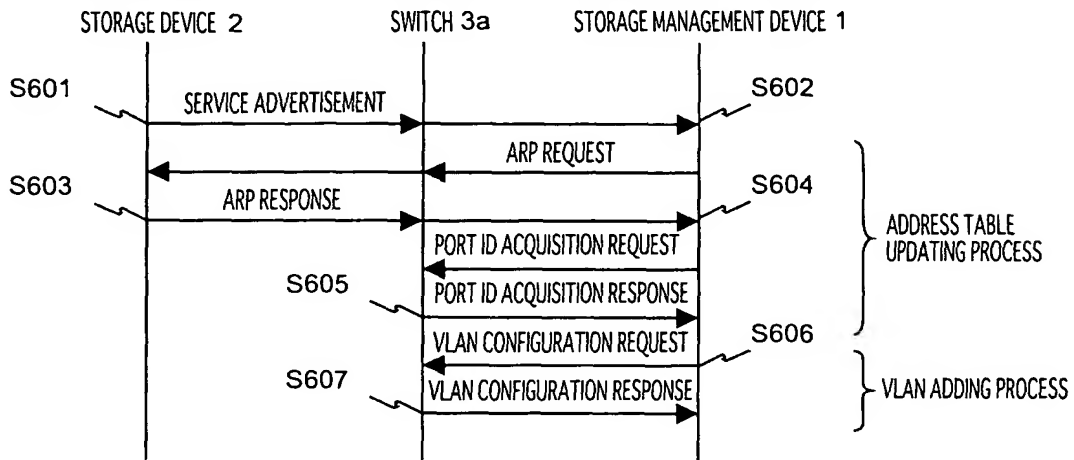
FIG. 5

SWITCH REGISTRATION WINDOW 440

The diagram illustrates a 'SWITCH REGISTRATION WINDOW 440'. It features a title bar at the top with the text 'SWITCH REGISTRATION WINDOW'. Below the title bar, there are two input fields. The first field is labeled 'SWITCH ID :' and contains the value '1'; this field is indicated by reference numeral 441. The second field is labeled 'MANAGEMENT PORT IP ADDRESS :' and contains the value '192.168.0.2'; this field is indicated by reference numeral 442. At the bottom of the window, there are two buttons: 'OK' (indicated by 443) and 'CANCEL' (indicated by 444).

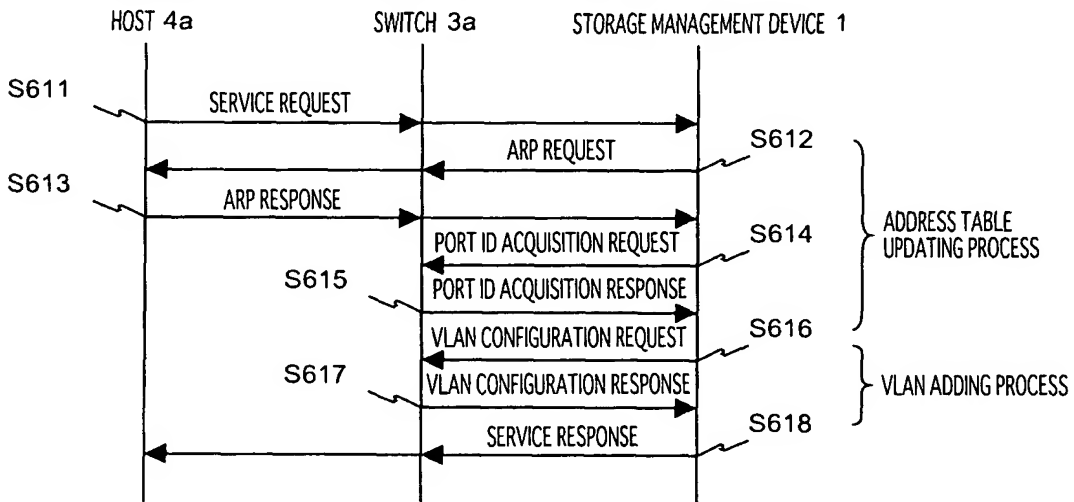
# FIG. 6A

COMMUNICATION SEQUENCE TO BE PERFORMED WHEN PHYSICAL PORT OF STORAGE DEVICE IS CONNECTED TO SWITCH



# FIG. 6B

COMMUNICATION SEQUENCE TO BE PERFORMED WHEN HOST IS CONNECTED TO SWITCH



# FIG. 6C

COMMUNICATION SEQUENCE TO BE PERFORMED WHEN PHYSICAL PORT OF STORAGE DEVICE OR HOST IS DISCONNECTED FROM SWITCH

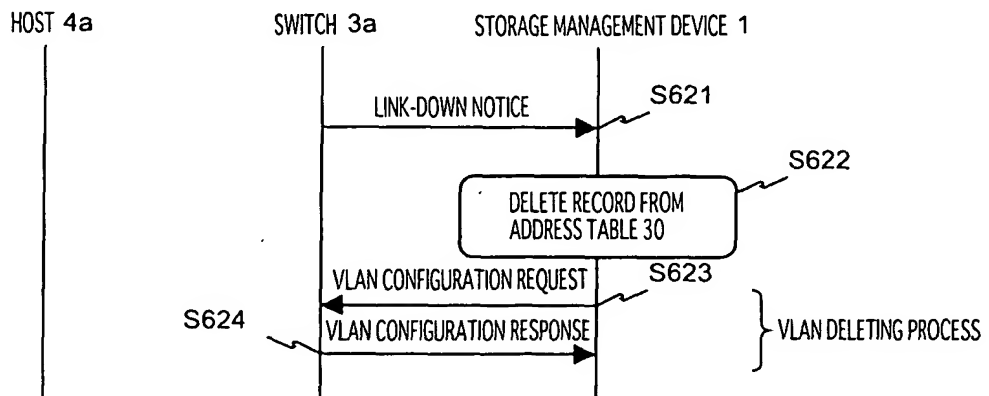


FIG. 7

ADDRESS TABLE UPDATING PROCESS

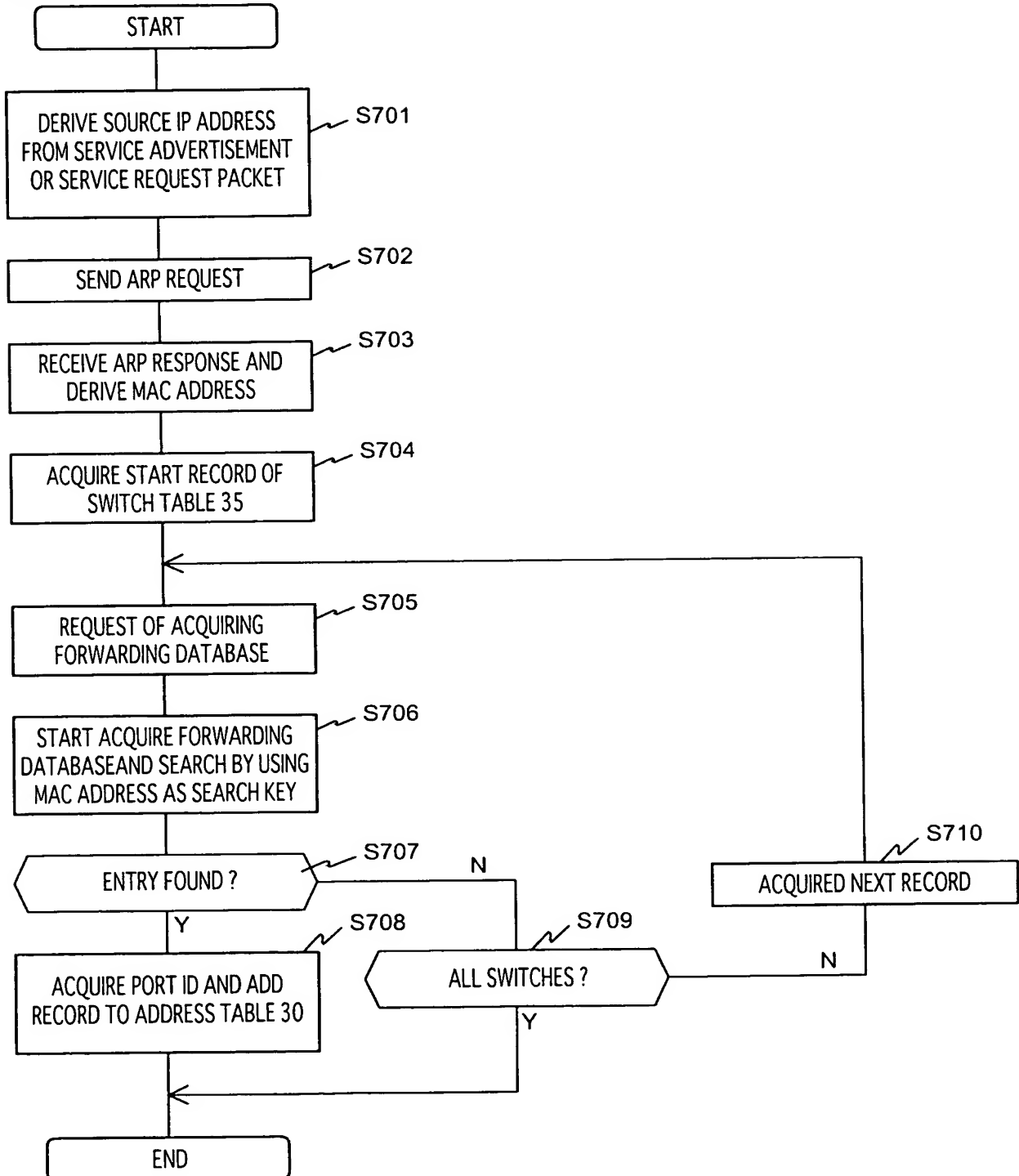


FIG. 8

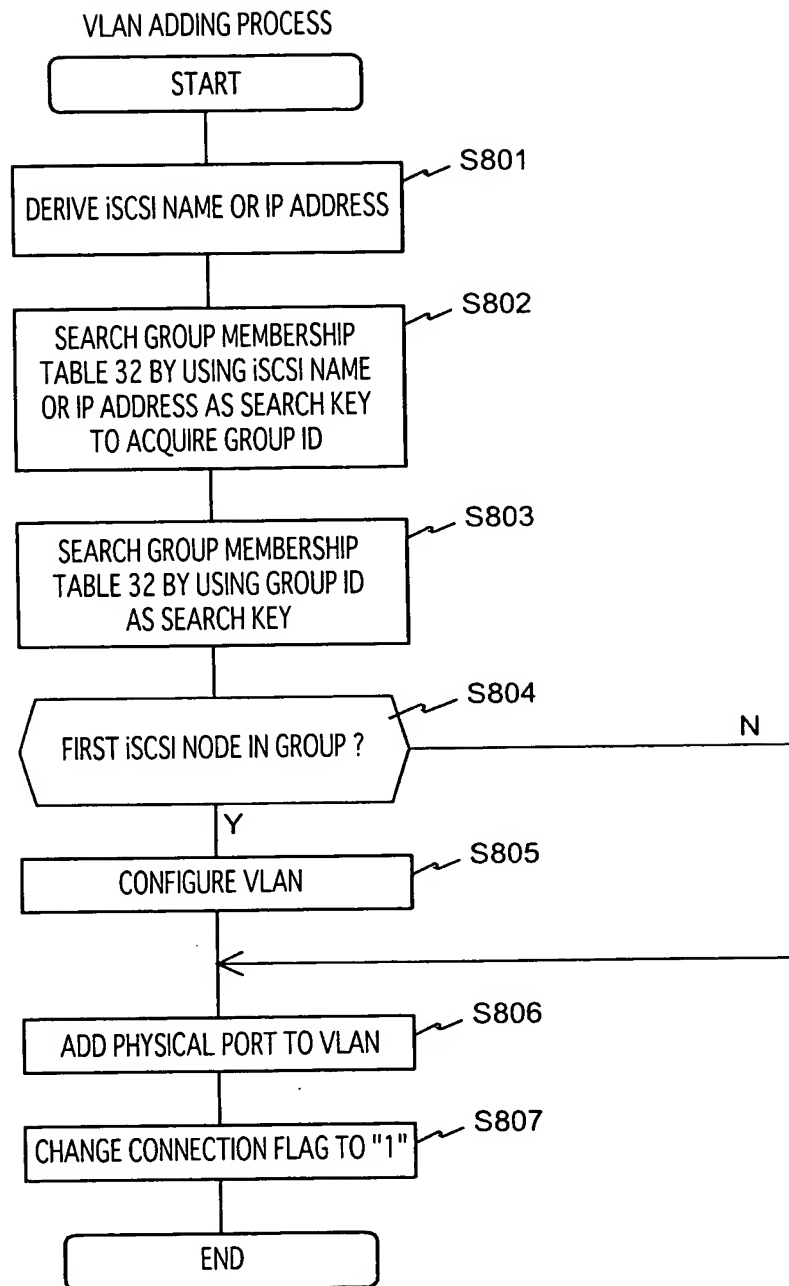




FIG. 9

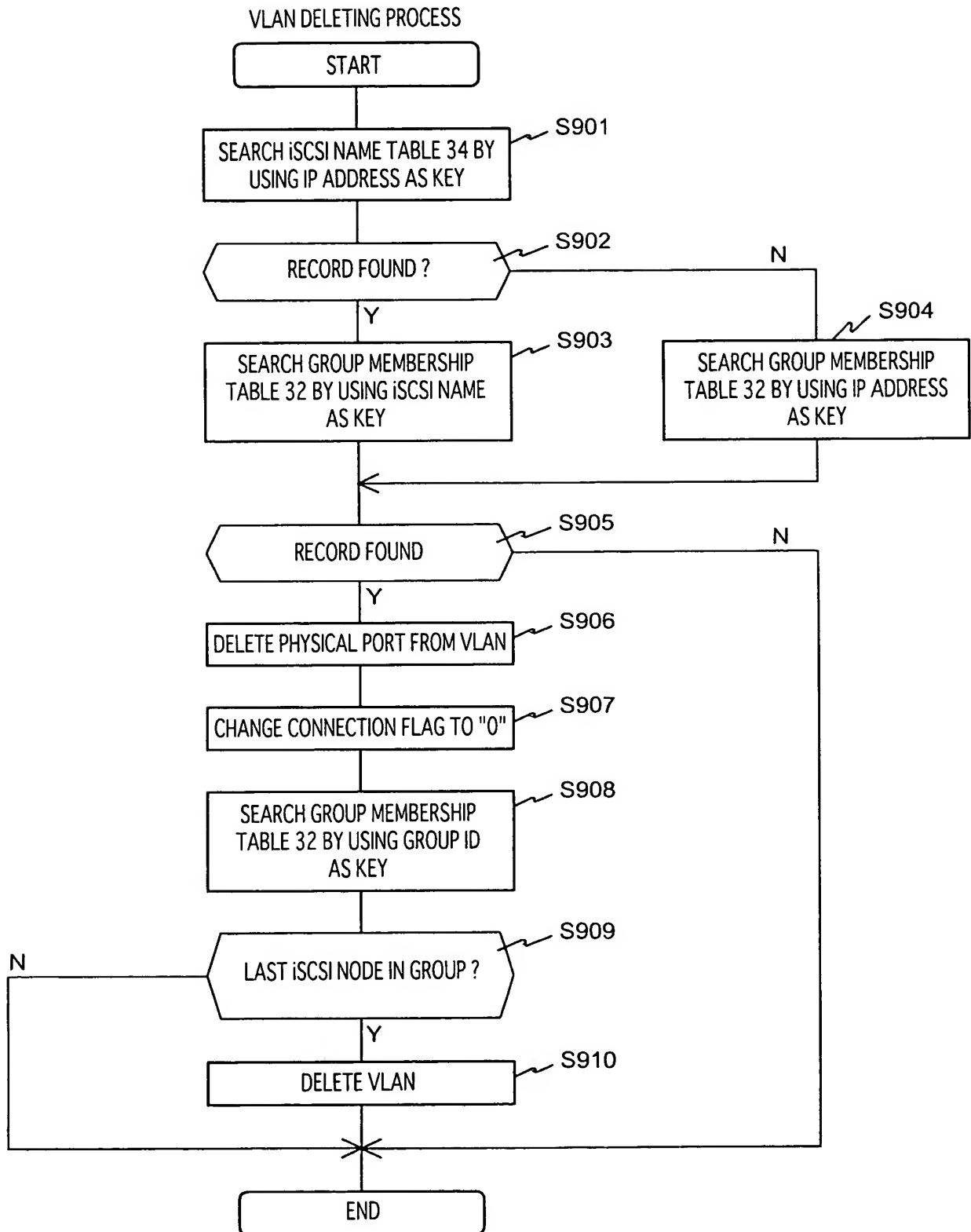


FIG. 10

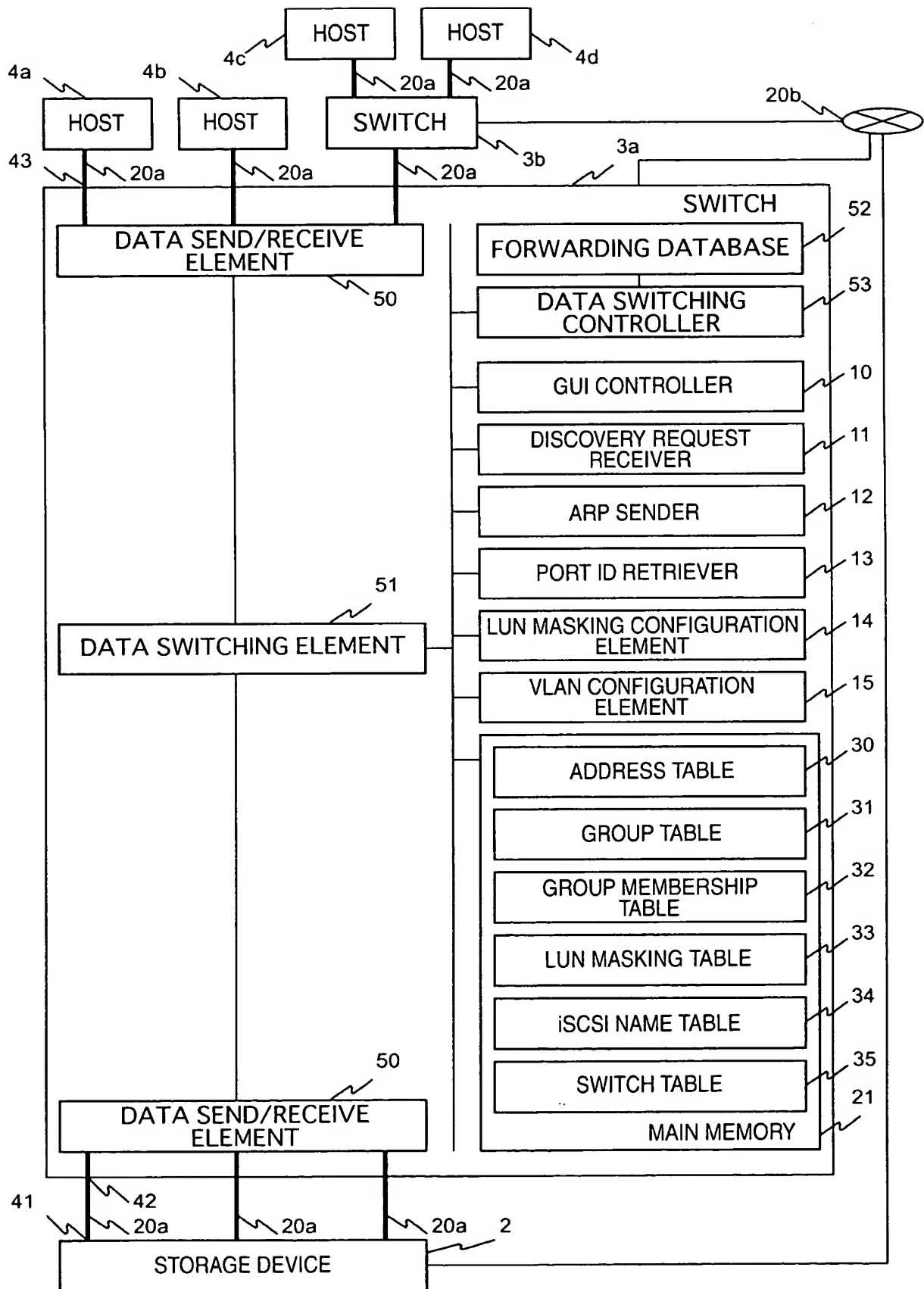


FIG. 11

COMMUNICATION SEQUENCE TO BE PERFORMED WHEN HOST 4a IS CONNECTED TO SWITCH 3a

